

Title (en)

METHOD OF MANUFACTURING METAL WITH BIOCIDAL PROPERTIES

Title (de)

VERFAHREN ZUR HERSTELLUNG VON METALLEN MIT BIOZIDEN EIGENSCHAFTEN

Title (fr)

PROCÉDÉ DE FABRICATION D'UN MÉTAL À PROPRIÉTÉS BIOCIDES

Publication

EP 2198076 B1 20160316 (EN)

Application

EP 08806710 A 20081003

Priority

- GB 2008050894 W 20081003
- GB 0719228 A 20071003
- GB 0804012 A 20080304
- GB 0805775 A 20080331

Abstract (en)

[origin: WO2009044203A1] Metal objects are treated by anodising the metal object in contact with an acidic solution, and then subjecting the anodised metal object to a reversed voltage (compared to the anodising voltage). The thus-treated metal object is then contacted with a biocidal metal-containing solution. Biocidal metal is deposited on the surface of the metal object, resulting in improved biocidal properties.

IPC 8 full level

C25D 11/26 (2006.01); **A61F 2/30** (2006.01); **A61L 27/02** (2006.01); **A61L 27/16** (2006.01); **A61L 27/50** (2006.01); **A61L 27/54** (2006.01);
A61B 17/064 (2006.01); **A61B 17/68** (2006.01); **A61F 2/28** (2006.01); **A61F 2/32** (2006.01)

CPC (source: EP GB KR US)

A61F 2/30767 (2013.01 - EP GB US); **A61L 27/02** (2013.01 - US); **A61L 27/16** (2013.01 - GB KR); **A61L 27/306** (2013.01 - EP US);
A61L 27/32 (2013.01 - EP US); **A61L 27/50** (2013.01 - EP US); **A61L 27/54** (2013.01 - EP US); **C25D 11/26** (2013.01 - EP GB KR US);
A61B 17/0642 (2013.01 - EP US); **A61B 17/68** (2013.01 - EP US); **A61F 2/28** (2013.01 - EP US); **A61F 2/3094** (2013.01 - EP US);
A61F 2/32 (2013.01 - EP US); **A61F 2002/30733** (2013.01 - EP US); **A61F 2002/30808** (2013.01 - EP US); **A61F 2002/30925** (2013.01 - EP US);
A61F 2310/00023 (2013.01 - EP US); **A61F 2310/00089** (2013.01 - EP US); **A61F 2310/00095** (2013.01 - EP US);
A61F 2310/00131 (2013.01 - EP US); **A61F 2310/00407** (2013.01 - EP US); **A61F 2310/00598** (2013.01 - EP US);
A61F 2310/00616 (2013.01 - EP US); **A61F 2310/00796** (2013.01 - EP US); **A61L 2300/104** (2013.01 - EP US); **A61L 2300/404** (2013.01 - EP US)

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2009044203 A1 20090409; AU 2008306596 A1 20090409; AU 2008306596 A2 20100527; AU 2008306596 B2 20130404;
CA 2702119 A1 20090409; CA 2702119 C 20170328; CN 101918621 A 20101215; CN 101918621 B 20120815; EP 2198076 A1 20100623;
EP 2198076 B1 20160316; ES 2573290 T3 20160607; GB 0818043 D0 20081105; GB 2456853 A 20090729; GB 2456853 B 20130306;
HK 1151838 A1 20120210; JP 2010540779 A 20101224; JP 5287861 B2 20130911; KR 101551208 B1 20150908; KR 20100072061 A 20100629;
PL 2198076 T3 20160930; US 2010206733 A1 20100819; US 8858775 B2 20141014

DOCDB simple family (application)

GB 2008050894 W 20081003; AU 2008306596 A 20081003; CA 2702119 A 20081003; CN 200880119690 A 20081003;
EP 08806710 A 20081003; ES 08806710 T 20081003; GB 0818043 A 20081003; HK 11105701 A 20110607; JP 2010527547 A 20081003;
KR 20107009623 A 20081003; PL 08806710 T 20081003; US 68075708 A 20081003